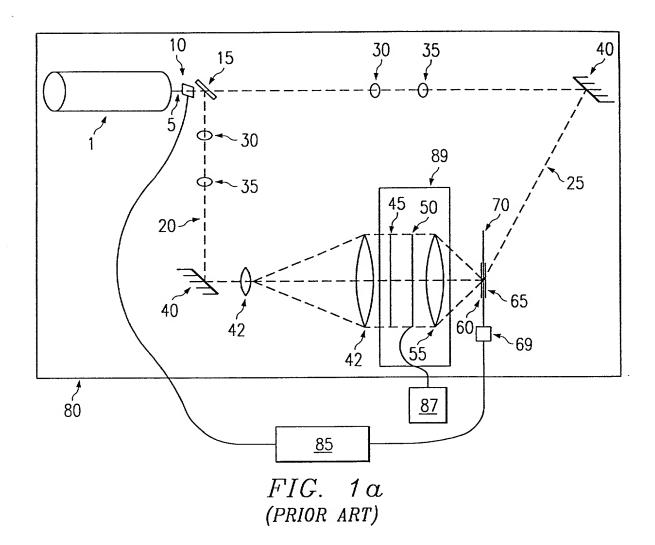
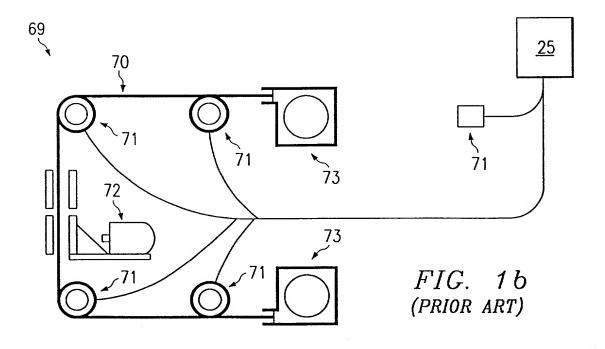
M-8577-3D US Michael A. Klug Method And Apparatus For Recording One-Step, Full-Color,





M-8577-3D US Michael A. Klug

Title: Method An

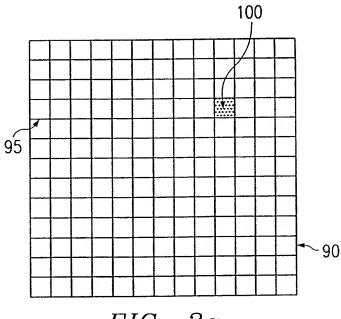
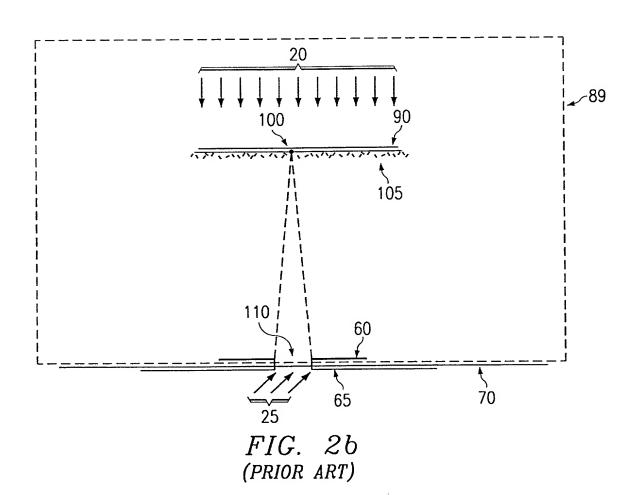
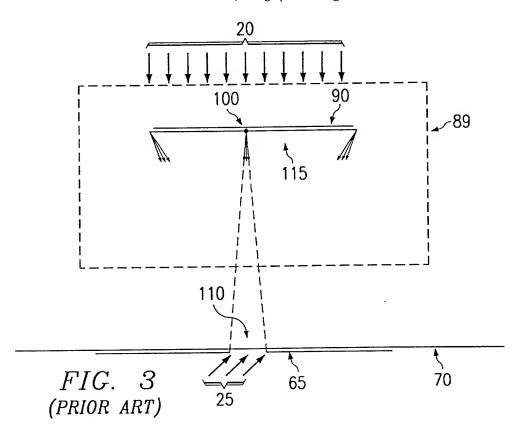
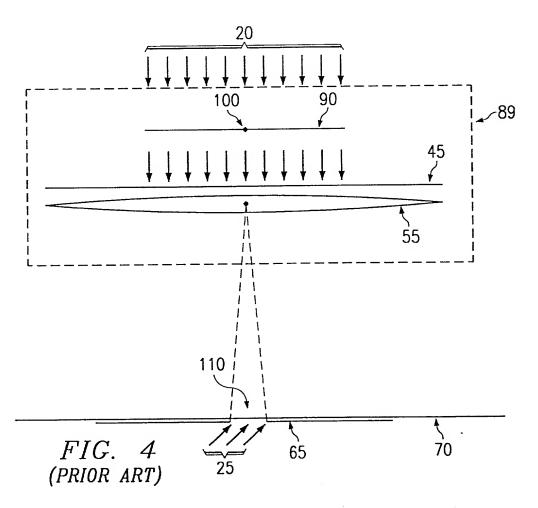


FIG. 2a (PRIOR ART)

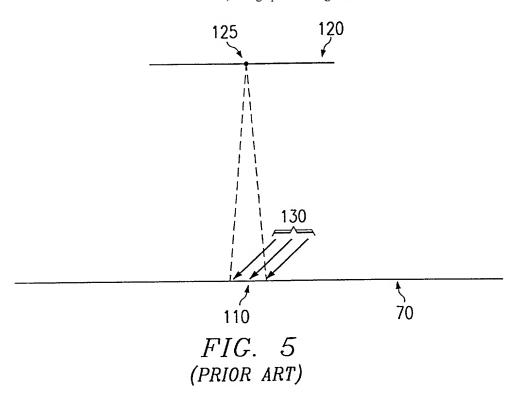


M-8577-3D US Michael A. Klug





M-8577-3D US Michael A. Klug



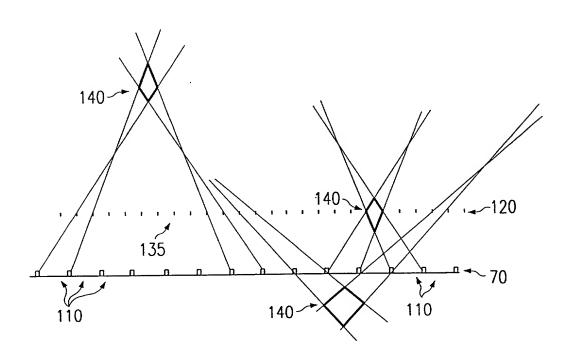
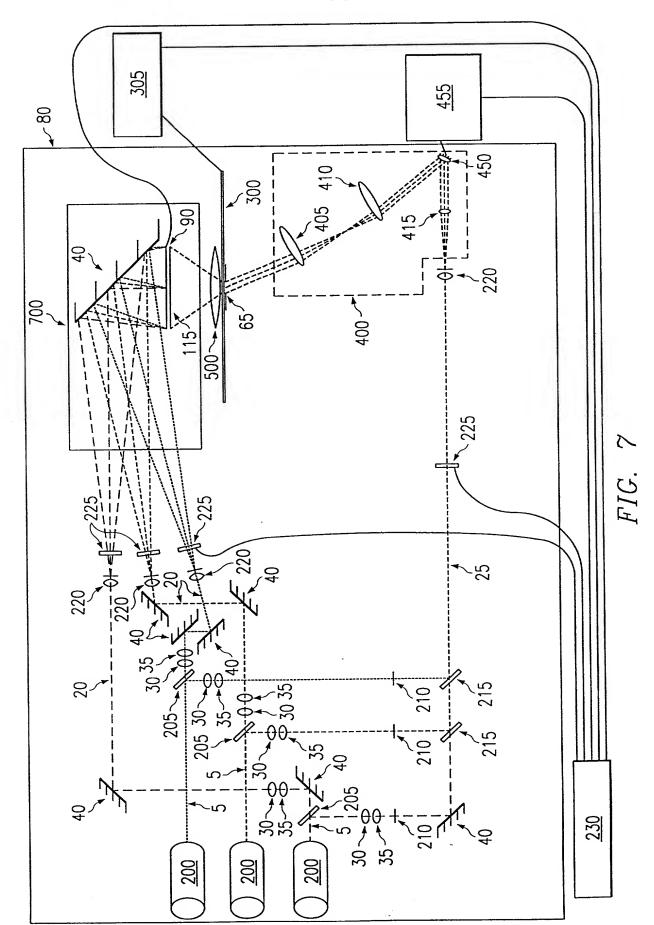
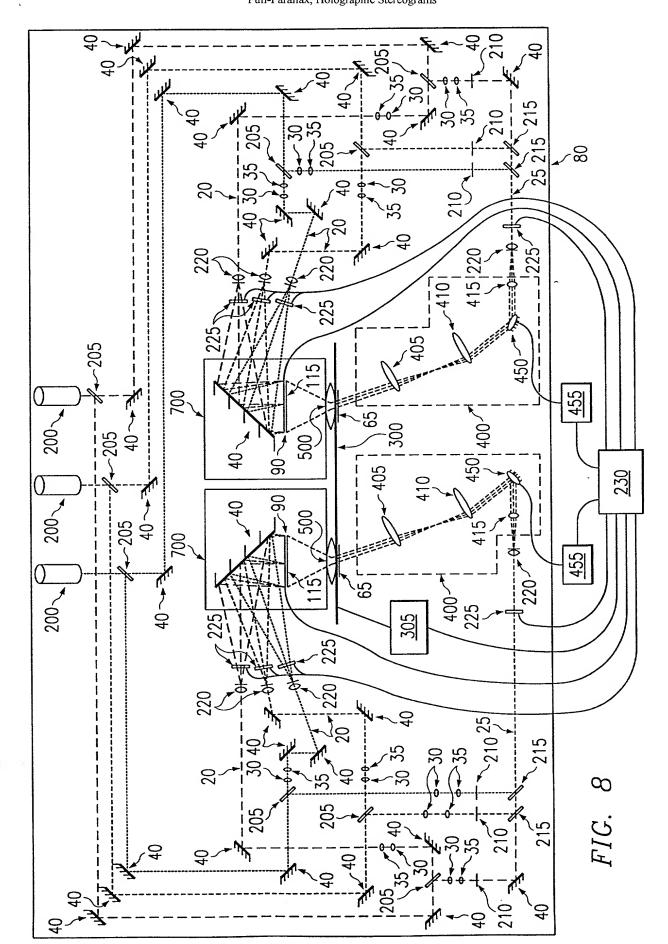
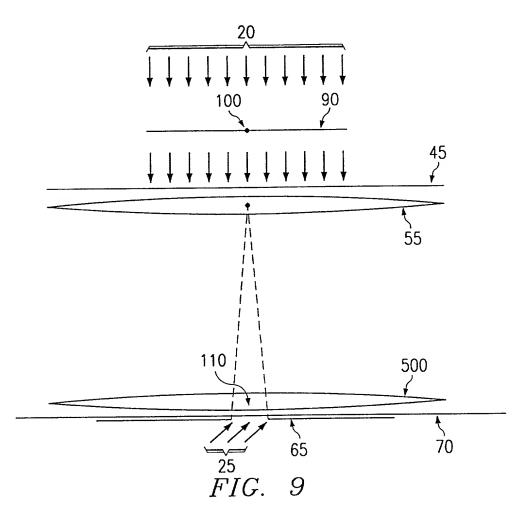


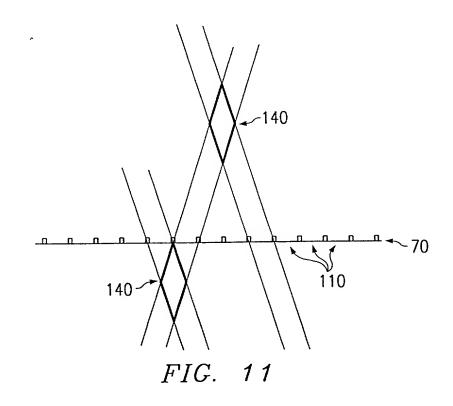
FIG. 6 (PRIOR ART)





M-8577-3D US





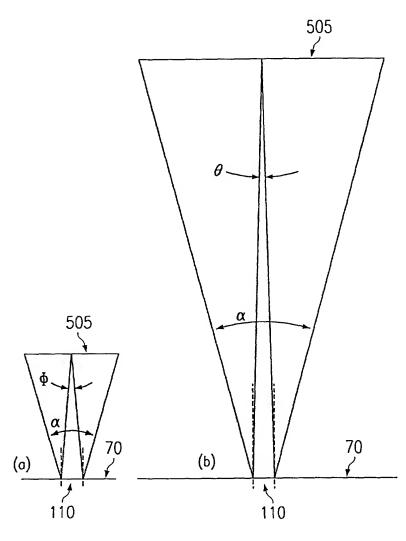
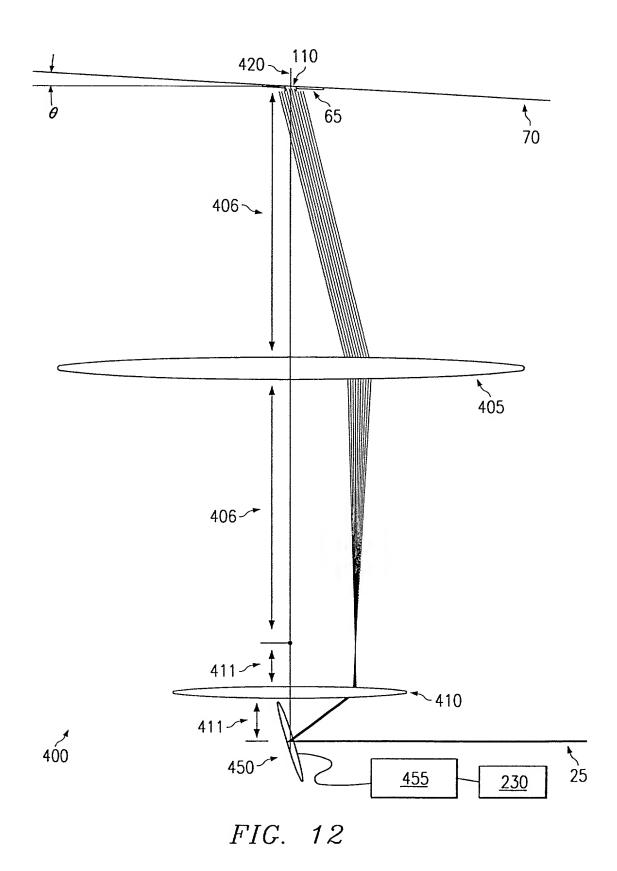
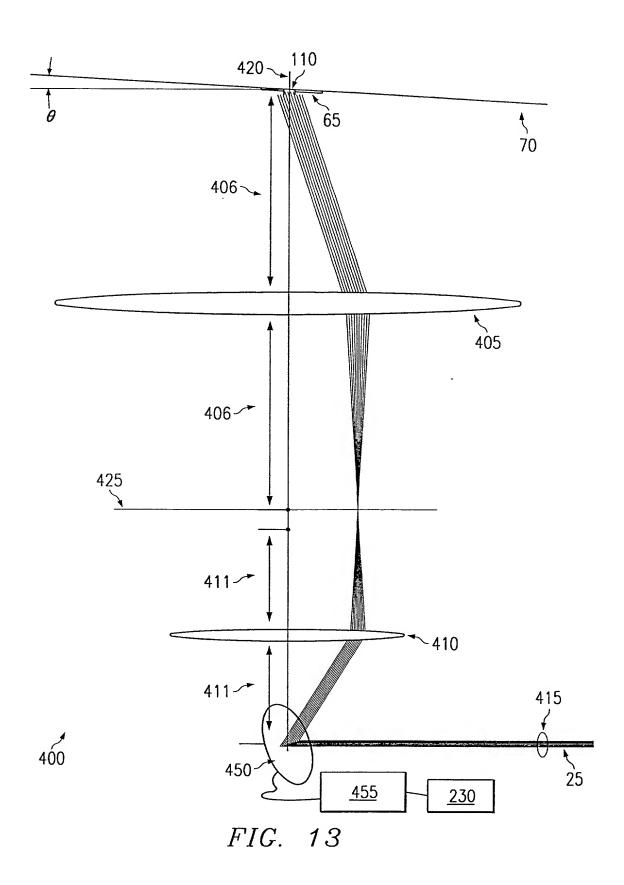


FIG. 10

M-8577-3D US

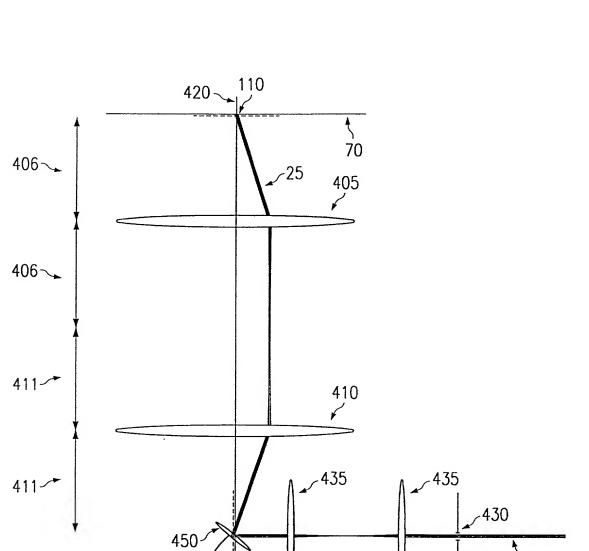


Title:



Title:

M-8577-3D US Michael A. Klug Method And Apparatus For Recording One-Step, Full-Color, Full-Parallax, Holographic Stereograms



436

<u>455</u>

436

<u>230</u>

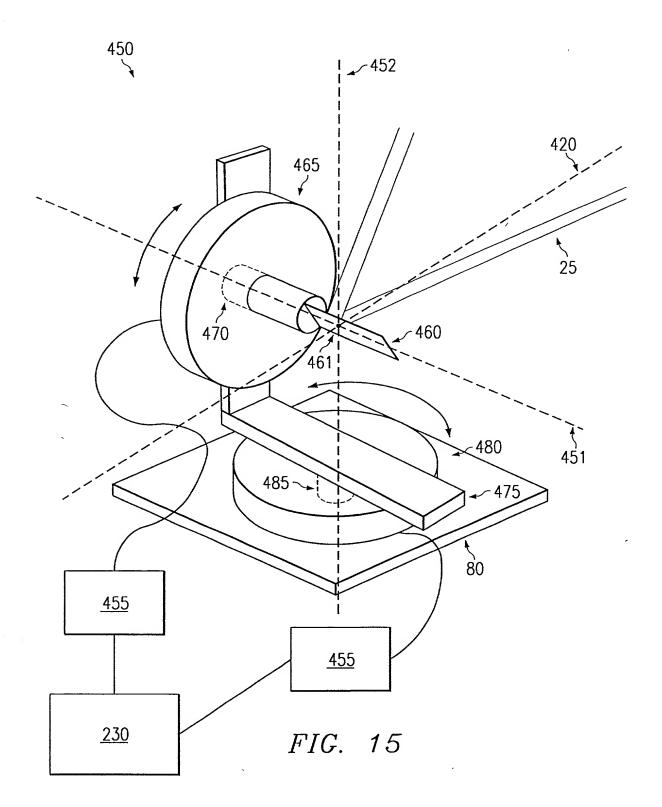
436

436

25

FIG. 14

400



M-8577-3D US Michael A. Klug

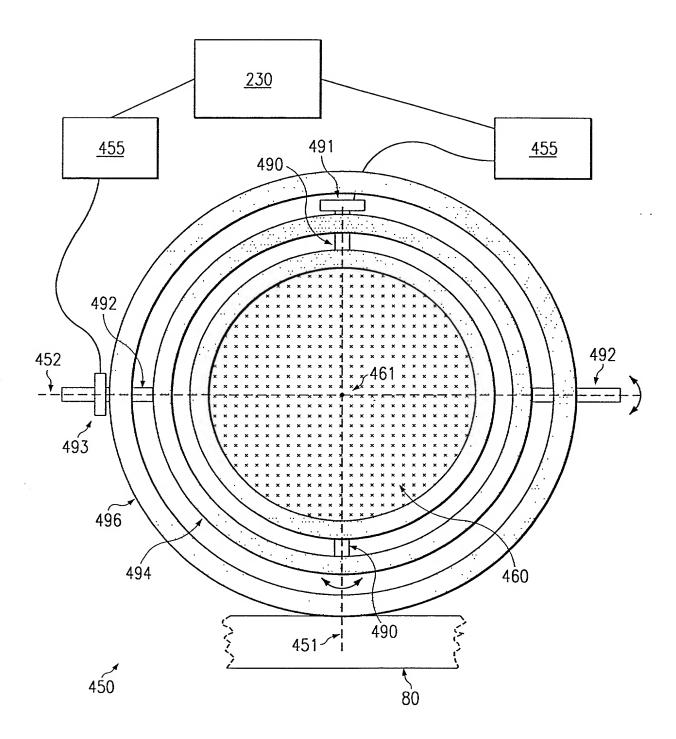


FIG. 16

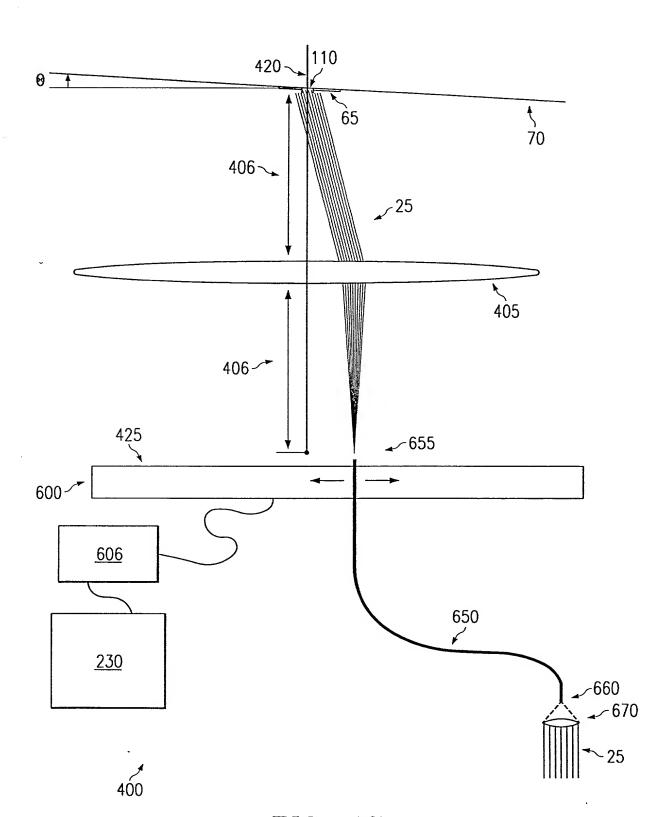
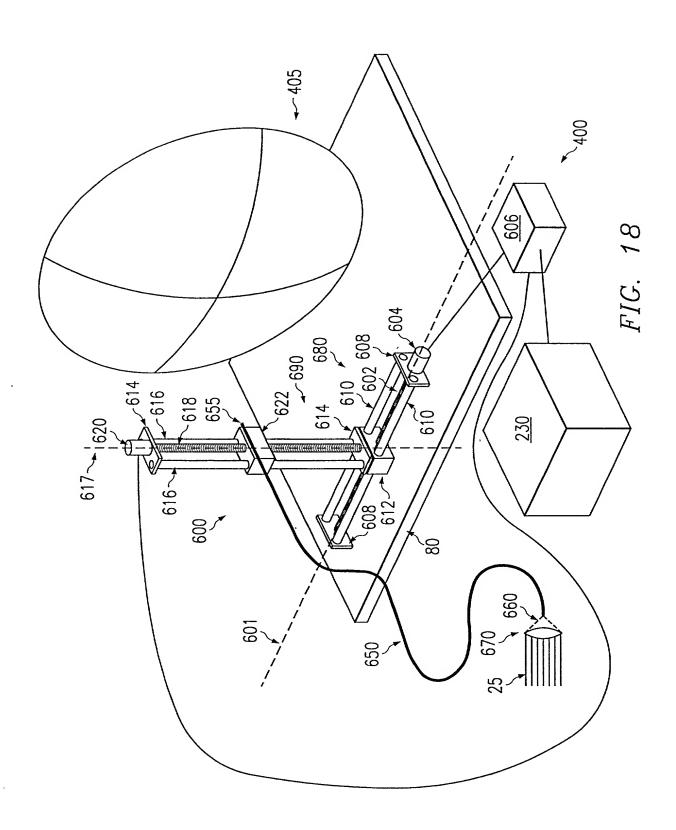
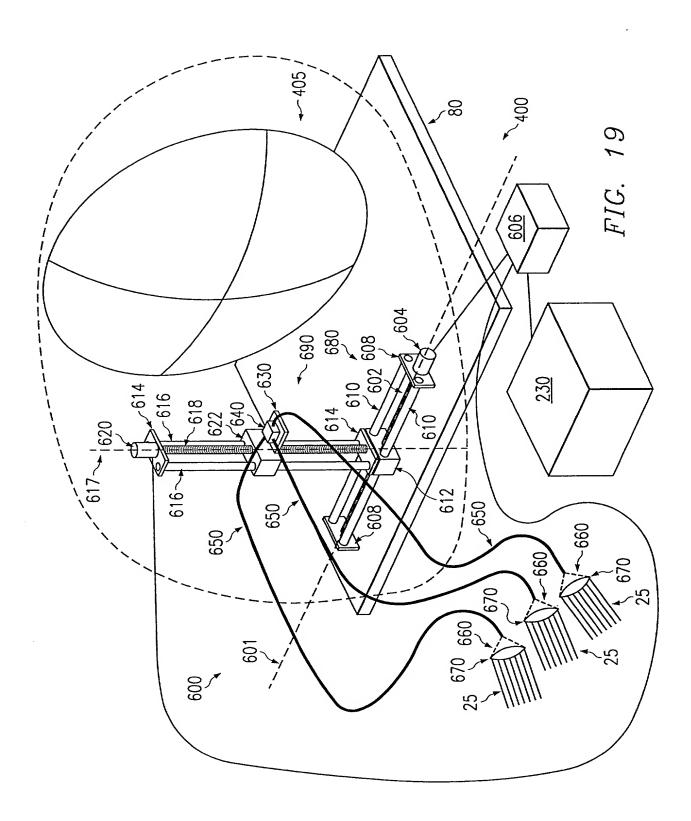
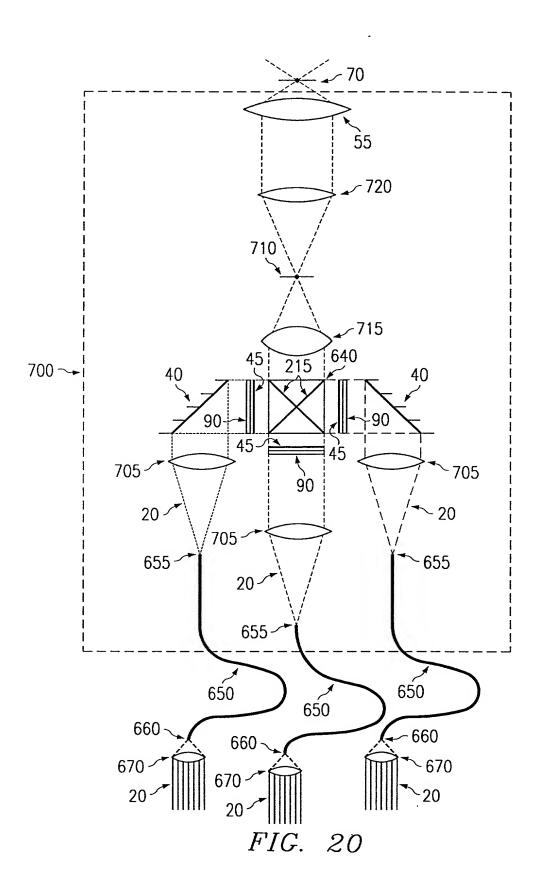


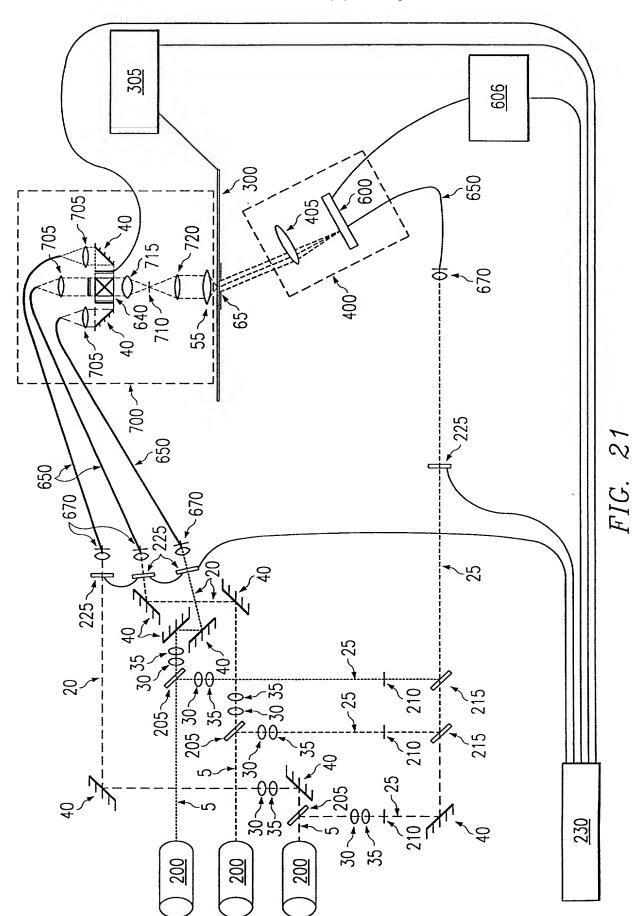
FIG. 17





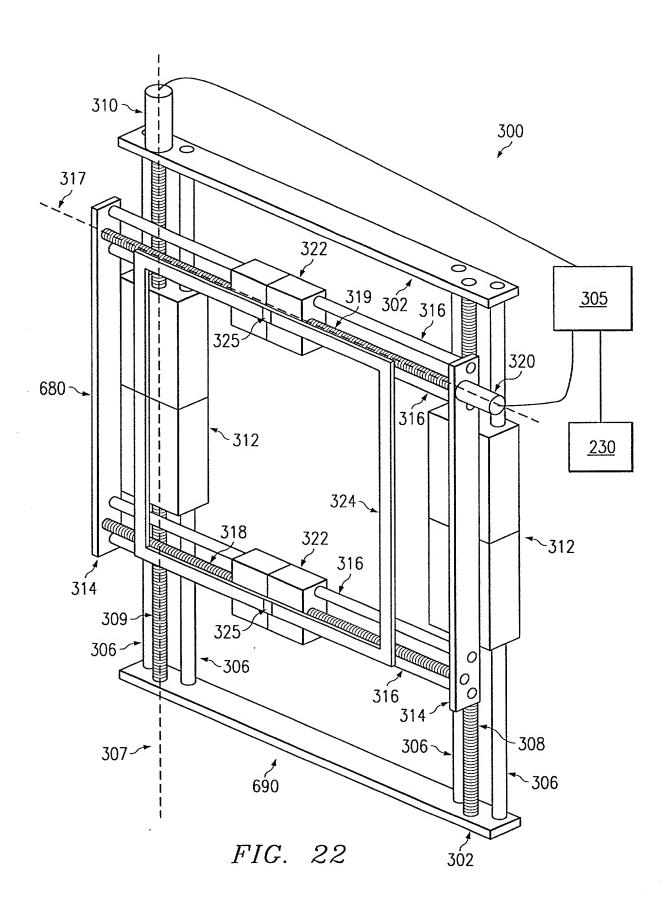
M-8577-3D US Michael A. Klug



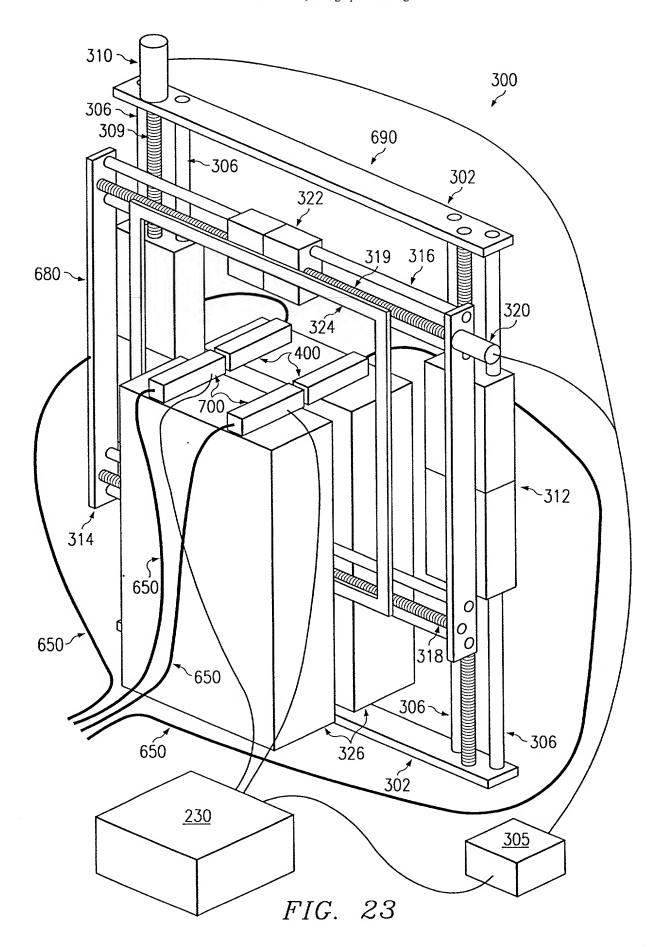


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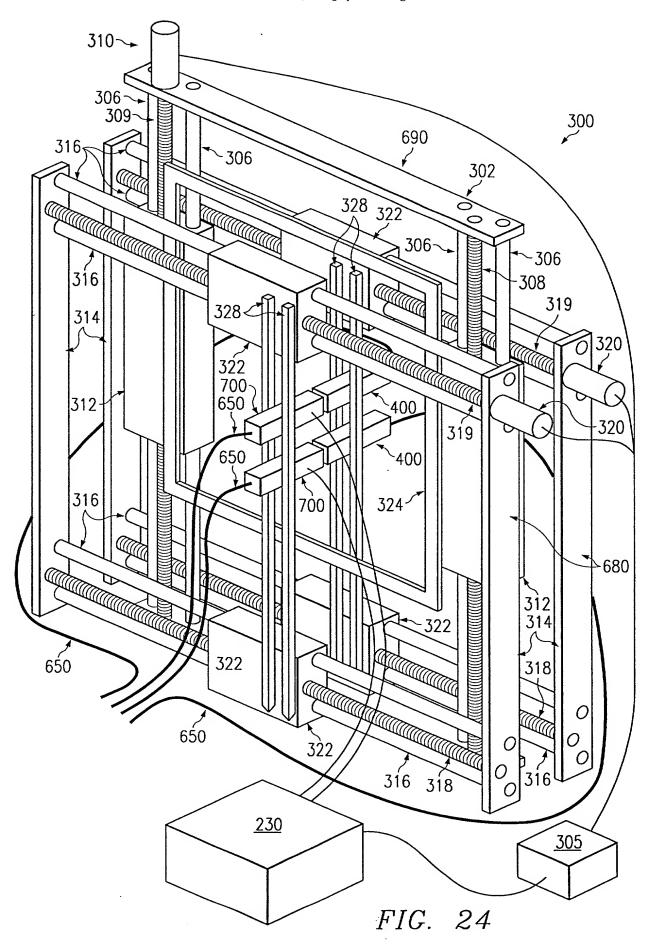
Title: Michael A. Method And



M-8577-3D US Michael A. Klug

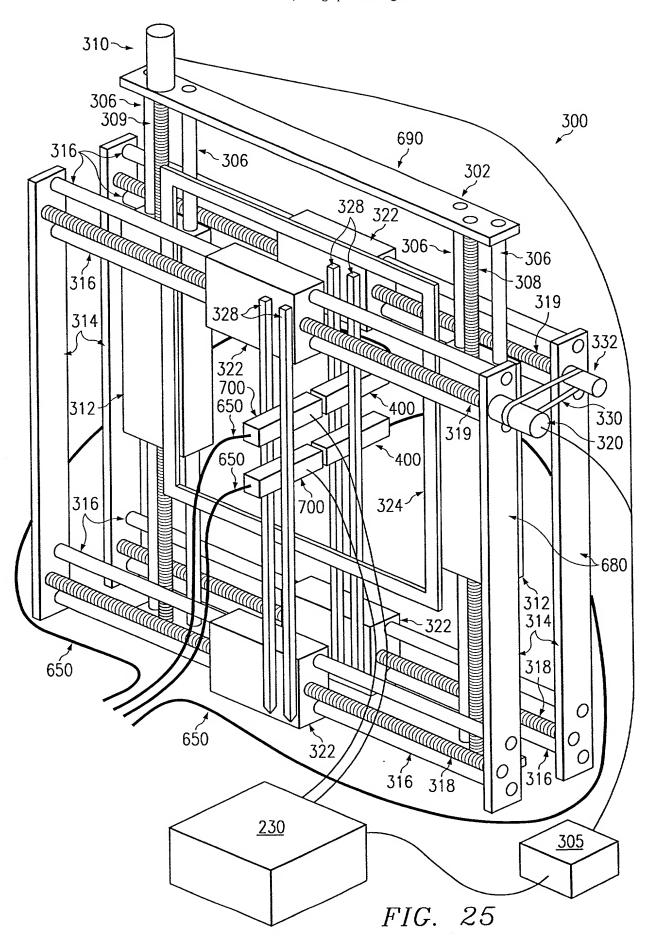


M-8577-3D US Michael A. Klug



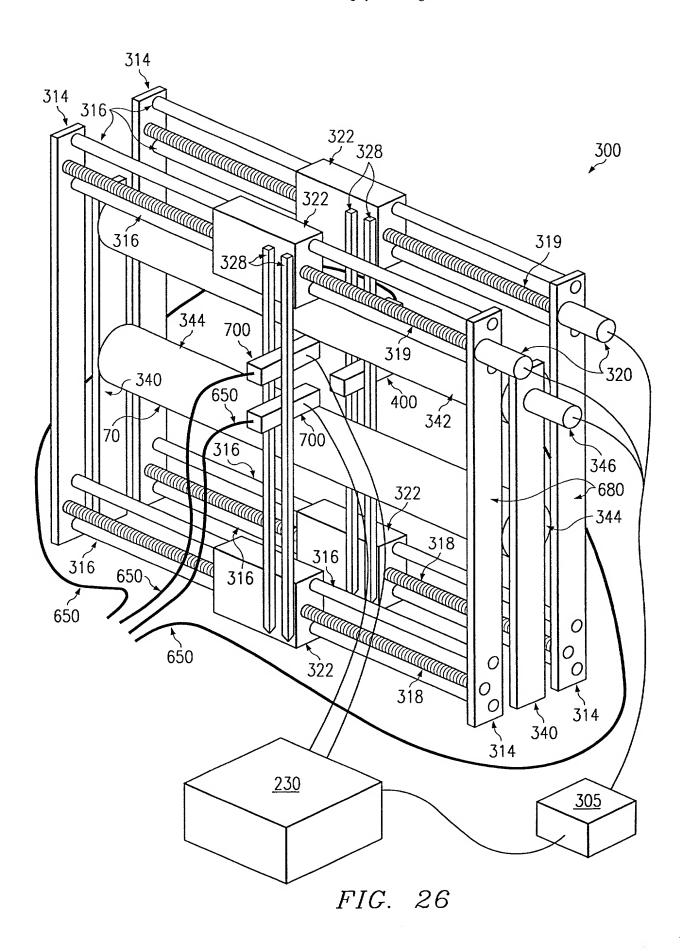
M-8577-3D US Michael A. Klug

Method And Apparatus For Recording One-Step, Full-Color,

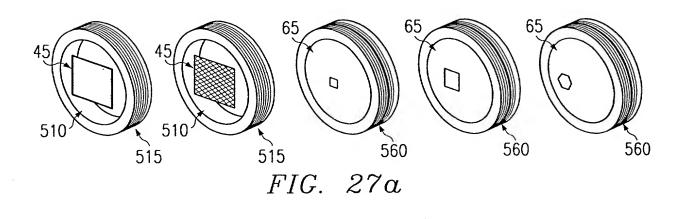


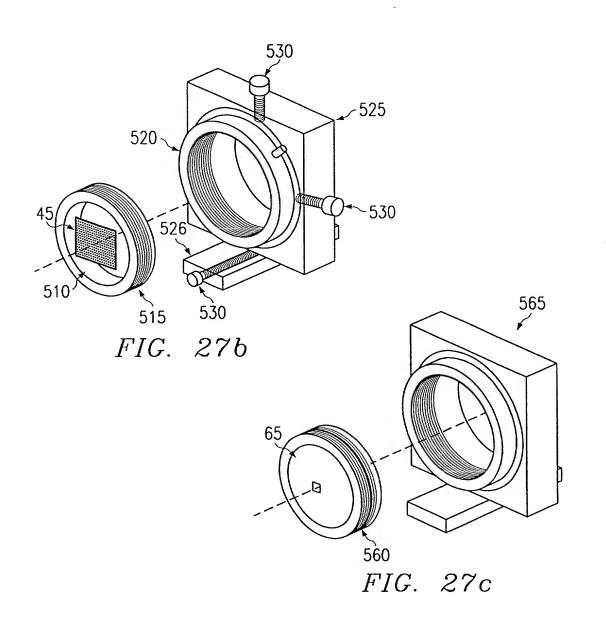
M-8577-3D US Michael A. Klug

Method And Apparatus For Recording One-Step, Full-Color,



M-8577-3D US Michael A. Klug Method And Apparatus For Recording One-Step, Full-Color,





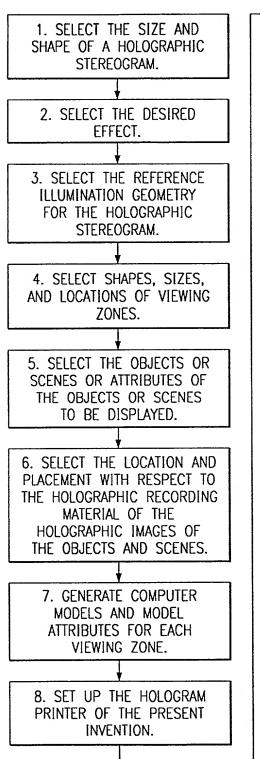
9. MORE

ELEMENTAL HOLOGRAMS?

F. STOP

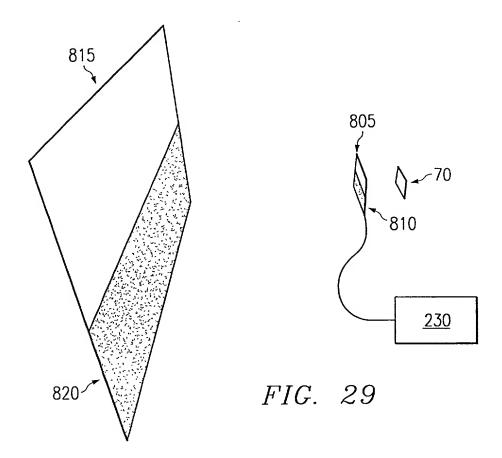
N0

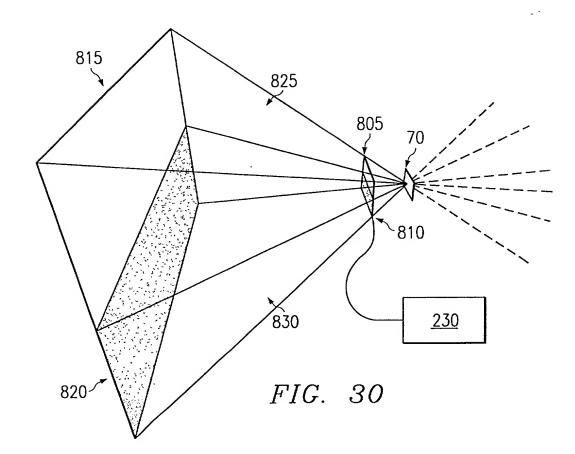
YES



A. FOR EACH ELEMENTAL HOLOGRAM, DETERMINE VIEWING ZONE MASK VOLUMES. B. FOR EACH VIEWING ZONE MASK VOLUME, RENDER THE PORTION OF THE APROPRIATE COMPUTER MODEL OF THE OBJECT OR SCENES ENCLOSED BY A PROJECTED MASK VOLUME ONTO THE APROPRIATE PORTION OF THE VIRTUAL IMAGE OF AN SLM ENCLOSED BY THE VIEWING MASK VOLUME. C. WHEN RENDERING FOR ALL VIEWING ZONES IS COMPLETE. COMPOSITE THE RENDERED IMAGES. D. DISPLAY THE COMPOSITE OF THE RENDERED IMAGES ON THE SLM AND EXPOSE THE ELEMENTAL HOLOGRAMS. E. TRANSLATE THE HOLOGRAPHIC RECORDING MATERIAL RELATIVE TO THE OBJECT BEAM UNIT TO SET UP THE PRINTER TO EXPOSE FIG. 28 ANOTHER ELEMENTAL HOLOGRAM.

M-8577-3D US





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Attorney Docket No.: , First Named Inventor: Title:

